

207.4 - Optoelectronics (solid forms)

These SRMs are intended for calibrating equipment (tunable diode lasers, video microscopes, optical spectrum analyzers, etc.) and measurement systems used in optoelectronics manufacturing and in the testing of optoelectronics components (lasers and detectors, optical fiber and fiber components, etc.). SRMs 2514, 2515, 2517a and 2519a are fiber-connected molecular gas absorption cells with lines in the 1510 to 1630 nm region; SRMs 2518 and 2538 are devices with stable and known polarization mode dispersion-2518 simulates mode-coupled differential group delay (DGD) typical of optical fiber, whereas 2538 is a non-mode-coupled device exhibiting relatively wavelength-independent DGD typically found in components; SRM 2520 is an optical fiber specimen with a known cladding diameter value; SRM 2522 is a steel wire, with a known diameter, like those used to size bores in fiber connector ferrules.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.